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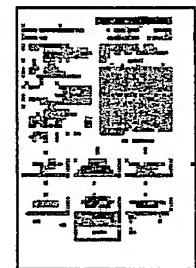
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HAYASHI MANABU;**Assignee:** MITSUBISHI PETROCHEM CO LTD
[News, Profiles, Stocks and More about this company](#)**Published / Filed:** 1992-02-10 / 1990-06-04**Application Number:** JP1990000144551**IPC Code:** Advanced: [H01M 4/02](#);
Core: [more...](#)
IPC-7: [H01M 4/02](#); [H01M 10/40](#);**Priority Number:** 1990-06-04 JP1990000144551**Abstract:** PURPOSE: To obtain a high capacity of electrode, excellent charge and discharge cycle property and flexibility by forming carrier composed of specific carbaceous material and fiber-like organic high polymer binder to carry alkaline metal as active material thereon.CONSTITUTION: Alkaline metal is carried as active material on carrier composed of a mixture of carbaceous material and fiber-like organic high polymer binder. That is, the carrier composed of the carbaceous material, satisfied by the ratio of hydrogen atoms to carbon atoms being less than 0.15, face-to-face spaces being 3.37 \AA ; or wider by a X-ray wide-angle diffracting method and the sizes of crystallites in a (c)-axial direction being 220 \AA ; or smaller, and the fiber-like organic high polymer binder is formed to carry alkaline metal as active material thereon. It is thus possible to obtain a flexible electrode for a secondary battery with a high capacity and excellent charge and discharge cycle property.


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References:

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PDF	Patent	Pub.Date	Inventor	Assignee	Title
	US6706447	2004-03-16	Gao; Yuan	FMC Corporation, Lithium Division	Lithium metal dispersion in secondary battery anodes

Other Abstract
Info:

CHEMABS 116(14)132766C DERABS C91-363111



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